

Outcome

To be an authorised operator of portable moisture/density gauge.

Audience

People who operate on an irregular to regular basis a portable moisture/density gauge. A portable moisture/density gauge is a self-contained surface, or near-surface, portable device that incorporates one or more radioactive sources. They are of integral design and include detectors, microprocessor, display components and shielding for gamma radiation. They can be capable of in-situ measurement of the density or moisture of soils, sands, asphalts and other similar substances.

The responsibilities include operating, transporting and storing a portable moisture/density gauges.

The industries from which people attend are varied including paper mills, construction, agriculture, mines, research and defence.

Course Content

- Scientific background
- Biological effects of radiation and radiation in the natural environment
- Basic radiation protection
- External Radiation Protection including Time and Distance Workshop
- Review of Industrial radiation gauges including wipe tests
- Legislation & Workshop including review of the Code of Practice and Safety Guide for Portable Density/Moisture Gauges Containing Radioactive Sources (2004) – RPS 5
- Storage & transport of the gauges
- Understanding Radiation detection devices including Practical: Performing a Dose Rate Survey
- Emergency planning and practice

Duration

1 day, 8:30am – 5:00pm

Cost

\$550 + GST



For more information or a quote please contact Radiation Safety Training:

Radiation Safety Educator

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